

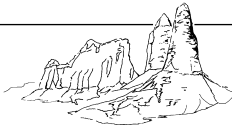




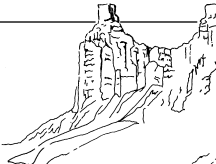




Thickness	Rock Type	Paleoenviron.	Remarks	Landforms		
2000 - 3000 ft	Mostly dark gray shale interlayered with sandstone	An interior seaway	Factory Butte and badlands near Caineville		Cretaceous	Mancos Shale
0 -50 ft	Tan sandstone with oyster shell fossils	Coastal	Locally absent; Oyster Shell Reef			Dakota Sandstone
180 - 700 ft	White crossbedded sandstone & candy-striped mudstone	Rivers & lakes; bentonite clays from altered volcanic ash	Bentonite Hills are in Brushy Basin Member		Jurassic	Morrison Formation Brushy Basin Member Salt Wash Member
150 - 300 ft	Thinly-bedded, redish-brown siltstone	Tidal flats	Inconspicuous in Capitol Reef area			Summerville Formation
0 - 80 ft	Grayish-green sandstone & gypsum	Marine	Caps cathedrals of Cathedral Valley			Curtis Formation
450 - 750 ft	Earthy, red, very fine-grained sandstone & gypsum	Tidal flats	Cathedrals of Cathedral Valley			Entrada Sandstone
300 - 1000 ft	Interlayered red sandstone & gypsum	Transitional between marine and continental	Cap of Golden Throne			Carmel Formation
800 - 1100 ft	White crossbedded sandstone	Sahara desert-like sand dunes	Capitol Dome, Navajo Dome, & Grand Wash Narrows			Navajo Sandstone
350 ft	Interlayered red sandstone & siltstone	Southwest flowing rivers	Top, ledgy portion of Fruita Cliffs			Kayenta Formation
350 ft	Massive sandstone; weathers dark red	Sand dunes	Fruita Cliffs & Circle Cliffs			Wingate Sandstone
350 - 550 ft	Interlayered sandstone siltstone, & bentonitic mudstone	Forested basin with rivers, swamps, & lakes	Slopes below Fruita Cliffs; contains petrified wood & uranium			Chinle Formation
0 - 90 ft	White sandstone	River channels	Discontinuous; cap of Chimney Rock			Shinarump Member
500 - 1000 ft	Mostly dark red siltstone & mudstone; minor yellowish limestone	Tidal flats, floodplains, & lagoons	Miners Mountain, Egyptian Temple, & base of Chimney Rock		Triassic	Moenkopi Formation
70 - 100 ft	Gray dolomitic limestone	Marine	Fremont River Gorge			Kaibab Limestone
400 + ft	White crossbedded sandstone	Beach & dune sands	Fremont River Gorge & Goosenecks of Sulphur Creek		Permian	White Rim Sandstone